

Personal Information

I'm a junior undergraduate student major in Computer Science at [ACM Hornored Class](#), [Zhiyuan College](#), [Shanghai Jiao Tong University](#).



Technical

C

C++

Python

Java

HTML

Javascript

Research Interest

Data Mining

Machine Learning

Deep Learning

Social Network

Projects

Compiler 2017

<https://github.com/jinningli/Complier-2017>

May. 2017

A compiler written in Java for the compiler course. The source language is a mixture of C and Java. The target is x86 assembly.

Text Classification

<https://github.com/jinningli/Text-Classification>

Mar. 2017

[\[Report\]](#) A course work in CS420: Text Classification using Linear Regularized Regression Method. Using Jieba word parsing and efficient feature selecting algorithm.

Ray Tracer

<https://github.com/jinningli/Ray-Tracer>

Jun. 2016

[\[Demo Output\]](#) A C++ program to operate Ray Trace a 3D model and output a 2D picture.

A simple CPU

<https://github.com/jinningli/CPU>

Apr. 2017

[\[Report\(CHS\)\]](#) A course work in Computer Architecture. It's a CPU with five assembly line in Verilog language. And It ran successfully in FPGA.

MIPS Simulator

<https://github.com/jinningli/Mips-Simulator>

Jul. 2016

A C++ program to simulate MIPS assembly code and give the result, with virtual CPU, Register, RAM

and ROM.

Text Compressor

Aug. 2016

<https://github.com/jinningli/Text-Compressor>

A efficient C++ program to compress text by about 50%, using Huffman Tree and Word Reduce algorithm.

Item Recommendation

Apr. 2017

<https://github.com/jinningli/Item-Recommendation>

[\[Report\]](#) A course work in CS420: A Item Recommendation System using machine learning method. Factorization machines, MCMC sampling and ensemble algorithm are adopted.

Teaching Experience

C++ Programming

Fall 2016

Teaching Fellow at Shanghai Jiao Tong University

https://acm.sjtu.edu.cn/wiki/Programming_2016

* Design homework and test to help students master the basic idea of C++ programming.

* Give a lecture on dynamic programming [\[slide\]](#).

* Give a lecture to help students do reviewing [\[slide\]](#).

Research Experience

ANL Lab at SEIEE SJTU

Summer 2017 ~ Present

Data Mining, Social Network, Time Series Analysis, Neural Network

Advisors: [Prof.XiaofengGao](#)

Cross-Platform Event Popularity Analysis

Designing a universal scheme analyzing event popularity on Weibo and Baidu platform. It contains a semantic-aware popularity model and a TextRank algorithm with a word selection process. Then using a efficient time alignment model to interpret and predict event popularity trends.

Data Extraction and Analysis on WeChat

Extract, classify and Analysis of a enormous dataset on the official accounts of WeChat platform. Using statistics, network, and machine learning algorithms.

Awards

The Level A Academic Excellence Scholarship

Summer 2017

Zhiyuan College Honored Scholarship

Summer 2017

2017 Consortium for Mathematics and Its Applications

Spring 2017

[Meritorious Winner](#)

[\[Paper\] Modeling the Process of Airport Security : Modification and Evaluation](#)

The OutStanding Award of Student Union

Spring 2017

2016 Consortium for Mathematics and Its Applications

[Honorable Mentions](#)
[\[Paper\] Bath Model Based on Heat Transfer Model and Analytic Hierarchy Process](#)

Spring 2016

Dongrun-Yau Science Award

First Prize(Regional Contest), Successfully Participation(World Final)

Summer 2015

The 7th Certificate Authority Cup of MCM

Outstanding Winner

Spring 2015

Education
Background

Shanghai Jiao Tong University - Shanghai, China
Major: Computer Science (ACM Class)
Minor: Finance
GPA: 3.7/4.2
Average Score: 86/100
Comprehensive Ranking: 2/25

Sep. 2015 ~ Present